

Joint Logistics Planning Enhancements Bulletin

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JLOG Joint Warfighter Advisory Group (JWAG) Meeting

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The Joint Logistics Planning Enhancements Bulletin is published by the Joint Logistics Planning Enhancements (JLOG/PE) Test Program Office. The purpose of this publication is to provide information on the status of the program, identify critical milestones, and report progress and upcoming events. The JLOG/PE Test Program Office appreciates the support provided by many organizations and welcomes comments and suggestions on the program as we move forward.

The Joint Logistics Planning Enhancements (JLOG/PE) Test Program Office conducted its first formal Joint Warfighter Advisory Group (JWAG) meeting at the U.S. Army Developmental Test Command, Aberdeen Proving Ground, MD. Fifteen representatives from the Services, DOD agencies, and combatant commands participated in the 2-day session. Members of the JLOG/PE Joint Test (JT) briefed the JWAG on the Joint Test and Evaluation (JT&E) Program and provided an overview of the JLOG/PE JT&E. They also presented a briefing on Joint Logistics Process Mapping efforts and reviewed the JLOG/PE test and evaluation concept.

Ms. Elizabeth Murter, Technical Director and Acting Test Director, described the development of the Joint Logistics Planning Enhancements project and pointed out the critical milestones over the next 42 months of the program. Her presentation was followed by a briefing on SIMPROCESS and the joint logistics process methodology used in the JLOG/PE JT. JWAG members indicated that numerous voids exist in joint doctrine. There was considerable dialogue on planning factors and the lack of standardization across com-

mands. The JWAG felt that the effort to document the baseline process would be an extremely useful legacy product and could guide the further development of joint doctrine.

JLOG/PE members pointed out that SIMPROCESS results could be used to document enhancements to current logistics products and that if sufficient detail was available then SIMPROCESS could be used as a simulation tool to screen enhancements or assist in the evaluation of test results.

As an added challenge and in response to Director, Operational Test and Evaluation (DOT&E) direction, the JLOG/PE team developed a proposal to support the CENTCOM J4 in logistics sustainment operations. Key elements of this initiative include development of a single information system to reduce the workload on the CENTCOM J4 staff of preparing the daily logistics briefing, and acting as an interface in the requirements definition process between the J4 and J6.

JLOG/PE currently has two test venues, Unified Endeavor and Terminal Fury series of exercises. JLOG/PE members briefed each of the exercises, presented the data collection/observation effort, and the

JLOG/PE Upcoming Events

- September 2-6, Terminal Fury Final Planning Conference, HI
- September 11-19, Unified Endeavor 3-2 JWFC, VA
- October 6-8, AUSA Conference, Washington, DC.
- November 12-13, JWAG Meeting, Alexandria, VA.
- December 8-18, Terminal Fury 04, HI

JLOG Joint Warfighter Advisory Group (JWAG) Meeting (Cont)

concept to conduct replays of the exercise to evaluate enhancements. A list of potential enhancements and the criteria used for selection were shared with the JWAG members. Mr. Michael Hunt, US Joint Forces Command J9, presented an update on the Logistics Common Operating Picture that is being developed by JFCOM. Ms. Pam Venning briefed the Joint Logistics Warfighting Initiative system deployed in CENTCOM with current operations. In addition, the Integrated Consumable Items Support and Joint Staff Munitions Report were briefed to the JWAG members.

The JWAG members suggested that the JLOG/PE expand its consideration and investigation of service

reporting munitions systems. They recommended that JLOG/PE needs to investigate the ongoing Enterprise Resource Planning efforts and determine if there was synergy that could be leveraged for JLOG/PE. The JWAG was extremely interested in the process mapping and indicated that this may be the most significant and useful legacy product. The JWAG endorsed the JLOG/PE efforts to identify standard data and information as it applies to strategic, operational, and tactical levels. POC for JWAG is Mr. Howard T. Mooney, Jr., JLOG/PE JT&E, commercial (410) 278-1230, email mooneyh@dtc.army.mil.

CENTCOM Initiative

Based upon a tasking from Mr. Thomas Christie, DOT&E, to provide immediate support to CENTCOM, members of the JLOG/PE team visited CENTCOM Headquarters (Rear) in January 2003 to coordinate our support initiative. The JLOG/PE team met with Col(P) Robert Radin, Col Pete Tellari, Mr. Jim Haney, and Mr. Bill Guglielmi to explain the JLOG/PE program and determine the support that CENTCOM needed for logistics. The JLOG/PE team members have made two followup visits to CENTCOM to refine our initiatives with the logistics staff. Our initiatives with CENTCOM are summarized as follows:

- Conduct Risk Reduction Activities
Objective: Verify that JLOG/PE can collect the data needed to support the products that JLOG/PE proposes to offer to CENTCOM;

Terminal Fury Exercise

Terminal Fury is sponsored by US Pacific Command (USPACOM) and is a two-part exercise culminating in a Command Post Exercise that is dedicated to training the combatant commander and Joint Task Force in mission execution. The principal training audience will involve HQ USPACOM and Joint Task Force 519. The intent of JLOG/PE during Terminal Fury 04 is to enhance joint logistics planning and management through better information flow and information utilization of that information through better use of available tools and changes to the current processes.

*"The line between
disorder and order
lies in logistics."
- Sun Tzu*

namely, process mappings, model, standing operating procedures (SOP's) and composite virtual database and information systems for supporting and exploiting the database.

- Validate collection procedures
- Review Measures of Effectiveness and Measures of Performance
- Transition from product generation process to logistics management process
- Participate in CENTCOM exercises to refine data collection procedures
- Produce leave-behind products such as mappings, SOP's, Battlebook, etc.

JLOG/PE plans to fully utilize the Terminal Fury exercise series as the venue to allow us to collect, process data, and evaluate our methodologies which are designed to be nonintrusive but comprehensive without impacting USPACOM's exercise objectives or participants. At the conclusion of Terminal Fury 04, the end state of JLOG/PE will be to improve the ability of Joint Force Commanders J4 to accurately know what is needed, where it is needed, and when it is needed.

Joint Theater Level Simulation Training

During the period April 21 through May 2, 2003, the JLOG/PE JT&E completed two of three phases of Joint Theater Level Simulation (JTLS) in preparation for the upcoming Unified Endeavor 03-2 Database Test 2 and the JLOG/PE Risk Reduction event. Mr. Patrick Sandoz of Rolands & Associates (the developers of JTLS) provided training that was tailored to the unique use of the model for test and evaluation. The overall objectives of the training were for the JLOG/PE staff to understand the capabilities of JTLS and how to effectively use JTLS to conduct exercise reconstruction and replay for the JT&E analysis objective.

In order to conduct the training at Aberdeen Proving Ground, JLOG/PE stood up a temporary JTLS training

laboratory using furniture and computer hardware from the completed Joint Theater Distribution JT&E. The software was Government-off-the-shelf (GOTS) and open source (Linux). Standing up the simulation training lab was a successful experience for the entire staff. From infrastructure to bits and bytes, JLOG/PE is better prepared to reconstruct a JTF-level training environment integrating modeling and simulation, command and control (C2) systems with data capture for detailed analysis.

During the third phase of JTLS training, on May 12-16, 2003, the JLOG/PE staff was able to take an indepth look at logistics algorithms and use the sophisticated logistics analysis tools built into JTLS.

Unified Endeavor Exercise

Unified Endeavor 03-2 and Fuertes Defensas 03 (UE 03-2/FD 03) is a Chairman, Joint Chiefs of Staff (CJCS)-directed, USSOUTHCOM and US Joint Forces Command-sponsored, JWFC-supported joint exercise incorporating both Combatant Commander (FD 03) and CJTF (UE-03-2) training objectives. The exercise-supported combatant commander is Commander, USSOUTHCOM and the designated CJTF is Commander, 12th Air Force.

UE 3-2/FD 03 is designed to support USSOUTHCOM battlestaff training and train the USJFCOM Joint Task Force (JTF) Commander and staff in joint doctrine, tactics, techniques, and procedures. The exercise will be conducted

"Clearly, Logistics is the hard part of fighting a war".

- Lt. Gen E.T. Cook

at USSOUTHCOM Headquarters, Miami, Florida, and the JTASC, Suffolk, Virginia, as well as other designated locations during the period July through September 2003.

Training participants include USSOUTHCOM battlestaff serving as the combatant commander, 12th Air Force serving as the Joint Task Force (JTF), and Joint Special Operation Forces, Special Operation Command South. The exercise will be using the Joint Theater Level Simulation as a driver. Exercise response cells will be provided from the following satellite installations: Fort Bragg, Camp Lejeune and Dam Neck .

Military Operations Research Society (MORS)

Ms. Elizabeth Murter, Technical Director/Acting Test Director, and Charlie McKenzie, Operations Research Analyst, participated in the 71st Military Operations Research Society (MORS) Symposium, June 6-10, 2003, at Marine Corps Base, Quantico, Virginia. The annual MORS Symposium is an opportunity for users of operations analysis and military analysts to exchange information, examine completed research or analysis in progress, and discuss military topics of interest with colleagues and interested participants. The symposium consisted of a series of meetings centered around 33 working groups which addressed topics of particular interest.

JLOG/PE Joint Test submitted an abstract of the JLOG/PE JT&E to two working groups —the Logistics, Reliability, and Maintainability Working Group and the Test and

Evaluation Working Group. Based on this abstract, the chairmen of both working groups requested JLOG/PE participate and present a formal brief to their group. The Joint Test Director accepted the Working Group Chairmen's invitations.

Ms. Murter and Mr. McKenzie had the opportunity during the symposium to attend other working group sessions, special programs, and tutorials related to JLOG/PE that will benefit them professionally. Additionally, JLOG/PE JT used the 71st MORS Symposium as a unique opportunity to introduce our JT&E to a select audience of analysts, logisticians, testers, and evaluators, and to solicit their suggestions and recommendations.

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